| Inc | lex of | Claims |  |
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|     |        |        |  |

| Application/Cont | rol No. |
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10/726,427 Examiner

David H. Malzahn

Applicant(s)/Patent under Reexamination

MUKUND ET AL.

Art Unit

2193

| √  | Rejected |  |
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| 11 | Allowed  |  |

(Through numeral) Cancelled

Restricted

|   | Z | Non-Elected  |
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| 1 | _ | Interference |

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| Cla      | im       | Date         |                 |          |           |           |          | lair     | n            |           |          |    | _[             | ate  |  |          |                   |                 |          | laim     |          |           |          |            | Date         | =  | _        |  |          |  |                 |                                     |          |
|----------|----------|--------------|-----------------|----------|-----------|-----------|----------|----------|--------------|-----------|----------|----|----------------|--|--|----------|-------------------|-----------------|----------|----------|----------|-----------|----------|------------|--------------|--|----------|--|----------|--|-----------------|-------------------------------------|----------|
| Final    | Original | 7/17/07      |                 |          |           |           |          |          |              |           | Final    |    | Original       |  |  |          |                   |                 |          |          |          |           | Final    | Original   |              |  |          |  |          |  |                 |                                     |          |
|          | 1        | =            |                 | 1        | $\exists$ | $\exists$ |          |          |              |           |          |    | 51             |  |  |          |                   | $\exists$       |          |          |          |           |          | 101        |              |  |          |  |          |  | ╛               |                                     |          |
|          | 2        | =            |                 | $\Box$   |           |           |          |          |              |           |          |    | 52             |  |  |          |                   |                 |          |          |          |           |          | 102        |              |  |          |  |          |  |                 |                                     |          |
|          | 3        | =            |                 | $\perp$  |           |           | _        |          |              | _         |          |    | 53             |  |  |          |                   | $\rightarrow$   | _        | _        | _        | _         | _        | 103        | <u> </u>     | ــــــ   |          | _  | <u> </u> |  |                 | لـــا                               | Щ        |
|          | 4        | =            | $\perp$         | 4        | _         | _         | _        |          |              | 4         |          | 1  | 54             |  | Ш  |          |                   | _               | _        |          | _        | _         | <u> </u> | 104        | <del> </del> | -  |          | _  |          |  | $\dashv$        | _                                   |          |
|          | 5        | =            |                 | 4        | -         |           |          |          |              | _         | _        |    | 55             |  | Ш  | $\Box$   |                   | _               | 4        | 4        | 4        | _         | <u> </u> | 105        | <del> </del> | 1  | <u> </u> | <u> </u>   | <u> </u> | _  | -               | $\vdash$                            | $\dashv$ |
|          | 6        | =            | $\vdash$        | +        | -         | -         | _        | _        |              |           | -        |    | 56             |  | Ш  | $\perp$  |                   | -               |          |          |          |           | -        | 106<br>107 | ╁            | ļ  | -        | <u> </u>   |          |  | $\dashv$        | Щ                                   | $\dashv$ |
|          | 7<br>8   | =            | -               | $\dashv$ | -         | -         | _        | _        | $\dashv$     | ᅱ         | -        |    | 57<br>58       | -  |  | -        |                   | $\dashv$        | $\dashv$ | -        |          | _         |          | 108        | $\vdash$     | -  | ╁        | ├  | -        |  | $\vdash$        | Н                                   | -        |
| ├─       | 9        | =            |                 | +        | $\dashv$  |           |          | Н        | $\dashv$     | $\dashv$  | -        |    | 59             |  | -  |          |                   | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | -         |          | 109        | $\vdash$     | <del>                                     </del> | $\vdash$ | ├  | -        | -  | $\vdash$        | Н                                   | Н        |
|          | 10       | 듵            | -               | $\dashv$ | ᅥ         | $\dashv$  | $\dashv$ | $\vdash$ | $\dashv$     | $\dashv$  | $\vdash$ |    | 60             | -  | Н  |          |                   | -               | $\dashv$ | $\dashv$ |          |           |          | 110        | $\vdash$     | <del>                                     </del> | $\vdash$ | -  | -        |  | $\dashv$        | Н                                   | Н        |
|          | 11       | =            | -               | +        | _         | -         |          |          |              | $\dashv$  |          | +  | 61             |  | Н  |          | _                 | -               | - 1      |          | _        | $\dashv$  |          | 111        | $\vdash$     | <del> </del>                                     | $t^-$    | $\vdash$   | H        | $\vdash$   | $\Box$          | М                                   |          |
|          | 12       | =            | $\vdash$        | +        | ┪         | _         |          | П        | $\Box$       | $\dashv$  | _        |    | 62             | _  |  |          |                   | $\neg$          | $\dashv$ | $\neg$   |          | $\dashv$  |          | 112        | 1            | T  | 1        |  |          | П  | $\Box$          | М                                   |          |
|          | 13       | =            |                 | 7        | ┪         | T         |          | П        |              | $\neg$    |          |    | 63             |  |  |          |                   |                 | $\dashv$ | $\dashv$ |          | $\neg$    |          | 113        | 1            | Γ  | Т        |  |          |  |                 |                                     |          |
|          | 14       | =            |                 | 7        |           | $\neg$    |          | П        |              | $\exists$ |          | Т  | 64             |  |  |          |                   |                 |          |          |          |           |          | 114        |              |  |          |  |          |  |                 |                                     |          |
|          | 15       | =            |                 |          |           |           |          |          |              |           |          |    | 65             |  |  |          |                   |                 |          |          |          |           |          | 115        |              |  |          |  |          |  |                 |                                     |          |
|          | 16       | =            |                 |          |           |           |          |          |              |           |          |    | 66             |  |  |          |                   |                 |          |          |          |           |          | 116        |              |  |          | L  |          |  |                 |                                     |          |
|          | 17       | =            |                 | $\perp$  | _         | $\Box$    |          |          |              |           | L        |    | 67             | _  |  |          |                   |                 | _        | _        | _        | _         | ļ        | 117        |              | <u> </u>   | 1        | _  | _        | _  |                 |                                     |          |
| <u> </u> | 18       | =            |                 | $\perp$  | _         | _         |          |          | Щ            |           | <u> </u> |    | 68             |  |  |          |                   |                 | $\Box$   | _        | _        | _         | <u> </u> | 118        | <u> </u>     | ╙  | <u> </u> |  | <u> </u> | <u> </u>   | Ш               | $\Box$                              | Ш        |
|          | 19       | <u> </u>     |                 | 4        | _         | _         |          | Ш        | Ш            | _         | $\perp$  | _  | 69             |  |  |          |                   |                 | _        | _        | _        | _         |          | 119        | ╀            | ┞  | ↓_       | _  | _        | 匚  | Ш               | <u> </u>                            |          |
| <u> </u> | 20       | <u> </u>     | _               | 4        | _         |           |          | Ш        |              | _         |          |    | 70             | <u> </u>   |  |          |                   | $\dashv$        |          |          | 1        | _         |          | 120        | <u> </u>     | ▙  | ـ        | <u> </u>   | <u> </u> | <u> </u>   | Щ               | H                                   | Н        |
| <u> </u> | 21       | $\vdash$     | $\perp$         | $\dashv$ | _         | _         |          | Н        |              | -         |          |    | 71             | ļ  | -  |          |                   |                 | 1        |          | _        | -         | -        | 121        | ╀            | -  | ╀        | ⊢  | <u> </u> | <u> </u>   | -               | _                                   |          |
|          | 22<br>23 |              |                 | -        |           |           |          | H        | _            | -         |          | +  | 72<br>73       | <u> </u>   |  | _        | _                 | $\vdash$        |          |          |          | $\dashv$  | -        | 122<br>123 | ╀            | $\vdash$   | ╀        | ⊢  | -        | -  |                 | -                                   | $\vdash$ |
|          | 24       | -            | $\vdash$        | $\dashv$ | $\dashv$  | -         |          |          | -            | $\dashv$  |          |    | 73<br>74       | -  | -  | _        | _                 | $\dashv$        | $\dashv$ | $\dashv$ |          |           | -        | 124        | +            | ╁╌   | +-       |  | <u> </u> | ├  | $\vdash$        | <b></b>                             | -        |
| <u> </u> | 25       | ╁            | $\vdash$        | ┪        | $\dashv$  | $\dashv$  |          | -        | Н            | $\dashv$  | <u> </u> | +  | 7 <del>5</del> | -  |  | -        |                   | -               | -+       |          | $\dashv$ |           |          | 125        | +-           | ╁  | ╁        |  | ┝        | -  | $\vdash$        | H                                   | Н        |
| <b>-</b> | 26       |              | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$  |          | $\vdash$ | Н            |           | -        | +  | 76             | $\vdash$   |  |          |                   |                 | 一        | $\dashv$ | $\dashv$ | $\dashv$  | -        | 126        | +            | +-   | +-       | <del>                                     </del> | $\vdash$ | $\vdash$   | Н               |                                     | $\vdash$ |
| _        | 27       | -            |                 | $\dashv$ | $\dashv$  |           |          | -        | _            |           |          | +  | 77             | $\vdash$   |  | $\vdash$ |                   | $\dashv$        |          | $\neg$   |          |           |          | 127        | t            | T  | $\vdash$ | -  | _        | <del>                                     </del> | П               | Г                                   | П        |
|          | 28       |              |                 | 7        | ᅥ         | _         |          | _        | _            | _         |          | 十  | 78             |  |  |          |                   |                 | _        |          |          |           |          | 128        |              |  |          | _  |          | -  | П               | П                                   |          |
|          | 29       |              |                 | 寸        | ヿ         | $\neg$    |          |          |              |           |          | ╅  | 79             |  |  | -        |                   | $\Box$          | ヿ        | 一        |          | $\Box$    |          | 129        | $\top$       |  |          |  |          |  |                 |                                     |          |
|          | 30       |              |                 | $\neg$   |           |           |          |          |              |           |          |    | 80             |  | Г  |          |                   |                 |          |          |          |           |          | 130        |              |  |          |  | Ĺ        |  |                 |                                     |          |
|          | 31       |              |                 |          |           |           |          |          |              |           |          |    | 81             |  |  |          |                   |                 |          |          |          |           |          | 131        |              |  |          |  |          |  | Ш               | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |
| L        | 32       | L            | $\sqcup \sqcup$ | _        | _         |           |          |          |              | _         | <u> </u> | _  | 82             |  |  |          |                   |                 | _        | _        |          | _         |          | 132        | _            | _  | _        | <u>_</u>   | L_       | _  | Ш               | _                                   |          |
| ļ        | 33       | <u> </u>     | <u> </u>        | 4        | _         |           | _        |          |              | _         | ļ        | 4  | 83             | <u> </u>   | _  | <u>_</u> | _                 | -               | _        | _        |          | _         | <u> </u> | 133        | 1_           | $\vdash$   | 1        | _  | <u> </u> | ┞  | $\vdash$        | <u> </u>                            | $\vdash$ |
| <u> </u> | 34       | <del> </del> | $\vdash$        | 4        | _         |           |          | -        |              | $\dashv$  | <u> </u> |    | 84             | $\vdash$   | <u> </u>   | <u> </u> |                   | -               |          |          |          | $\dashv$  | -        | 134        | +            | ╀  | 1        | -  |          | <del> </del>                                     | $\vdash \vdash$ | $\vdash$                            | $\vdash$ |
| -        | 35<br>36 | -            | -               | $\dashv$ |           | $\dashv$  | H        | -        | $\vdash$     | $\dashv$  | $\vdash$ |    | 85<br>86       | $\vdash$   | <del>  -</del>                                   | ⊢        | -                 | $\vdash$        |          | $\dashv$ | -        | $\dashv$  | -        | 135<br>136 | +-           | ╀  | +        | -  | -        | ╀  | H               | ├                                   | -        |
| <u></u>  | 37       | ╁            | -               | +        | $\dashv$  | $\dashv$  | _        |          | $\vdash$     | $\dashv$  | $\vdash$ |    | 87             | $\vdash$   | $\vdash$   | $\vdash$ | -                 | $\vdash$        |          |          |          |           | -        | 137        | +            | +  | +        | -  | $\vdash$ | ┼  | Н               | H                                   | $\vdash$ |
|          | 38       | -            | $\vdash \vdash$ | $\dashv$ | $\dashv$  | $\vdash$  | -        |          | $\vdash$     | $\dashv$  | $\vdash$ |    | 88             | -  | $\vdash$   |          | -                 |                 |          | -        | -        | $\dashv$  | -        | 138        | +            | ╁  | +        | <del> </del>                                     | 1        | $\vdash$   | $\vdash$        | $\vdash$                            | $\vdash$ |
|          | 39       | $\vdash$     | $\vdash$        | $\dashv$ | $\dashv$  | $\vdash$  |          |          | H            | $\dashv$  | -        |    | 89             | -  | <del>                                     </del> | -        | $\vdash$          |                 | -        |          |          | $\vdash$  |          | 139        | +            | +  | 1        | -  | t        | t  | H               | H                                   | $\vdash$ |
| $\vdash$ | 40       | $\vdash$     | -               | $\dashv$ | $\dashv$  | -         | -        |          |              | $\dashv$  |          |    | 90             | $\vdash$   | $\vdash$   | $\vdash$ | _                 |                 | $\dashv$ |          |          | $\vdash$  | -        | 140        | 1            | T  | +        | $\vdash$   | T        | t  | H               | T                                   | П        |
|          | 41       |              | $\vdash$        | $\dashv$ | $\dashv$  |           | $\vdash$ | П        | _            | $\dashv$  |          |    | 91             | <del>                                     </del> |  | Г        |                   |                 | $\dashv$ | $\dashv$ |          | $\Box$    |          | 141        |              | $\top$   | 1        |  | T        |  | П               |                                     |          |
|          | 42       |              |                 |          |           |           |          |          |              |           |          |    | 92             |  |  |          |                   |                 |          |          |          |           |          | 142        | 1            |  |          |  |          |  |                 |                                     |          |
|          | 43       |              |                 |          |           |           |          |          |              |           |          | T  | 93             |  |  |          |                   |                 |          |          |          |           |          | 143        |              |  |          |  |          |  |                 |                                     |          |
|          | 44       |              |                 |          |           |           |          |          |              |           |          |    | 94             |  |  |          |                   |                 |          |          |          |           |          | 144        |              | L  |          | $\Box$   |          |  |                 |                                     |          |
|          | 45       |              |                 |          |           |           |          |          |              |           |          |    | 95             |  | 1  | 17       |                   |                 |          | -        |          |           |          | 145        |              |  |          |  |          |  |                 |                                     |          |
| <u> </u> | 46       | L            |                 | $\Box$   | _         | Ш         |          | _        |              | Ш         |          | 4  | 96             | _  | _  |          | $ldsymbol{f eta}$ | Ш               |          |          |          |           | _        | 146        | 1            | $\vdash$   | 4_       | <u> </u>   | _        | <u> </u>   | لـــا           | <u> </u>                            | _        |
| <u></u>  | 47       | ┞            | $\sqcup$        | _        | _         | Щ         | _        | _        | $\vdash$     | Щ         | -        |    | 97             | _  | <u> </u>   | $\vdash$ | <u> </u>          | Щ               | _        |          |          | $\square$ | <u> </u> | 147        |              | _  | +        | ┞  | ₽-       | <u> </u>   | Ш               | <u> </u>                            | <u> </u> |
| -        | 48       | ├            | $\vdash$        | 4        | _         | Ш         | _        | <u> </u> | <del> </del> | $\dashv$  | -        |    | 98             | ⊢  | -  |          | -                 | $\vdash \vdash$ | _        |          | _        | $\vdash$  |          | 148<br>149 | +            | ╀  | $\vdash$ | ⊢  | $\vdash$ | ₩  | $\vdash$        | <del> </del>                        | $\vdash$ |
|          | 49<br>50 | $\vdash$     | $\vdash \vdash$ | +        | _         | Н         | -        | $\vdash$ | $\vdash$     | Н         | -        |    | 99<br>100      | ├-   | -  | ⊢        | ⊢                 | $\vdash\vdash$  | -        | $\vdash$ | _        | $\vdash$  | -        | 150        |              | $\vdash$   | ╀        | $\vdash$   | ├        | $\vdash$   | Н               | $\vdash$                            | -        |
|          | _ DU     | <u> </u>     | $\perp \perp$   |          |           |           | Щ        | <u>∟</u> | Щ.           | ш         | L        | _L | IUU            |  |  | L        | L                 |                 |          |          |          |           | L        | 150        |              |  | 1        |  |          | 1  | ட               | ட                                   |          |